

EXHIBIT E



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Company Info

Patents

As of December 31, 2005 Power Integrations holds 131 U.S. and 82 foreign patents.

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Downloads

- Overview Video 
- Energy-Efficiency Video  (23 MB)
- Fact Sheet 
- Company Brochure  (5 MB)

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EXHIBIT F

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Home	Quick	Advanced	Pat Num	Help
Next List		Bottom	View Cart	

Searching 1976 to present...

Results of Search in 1976 to present db for:

AN/"power integrations" OR AN/"power intergrations": 141 patents.

Hits 1 through 50 out of 141






[Next 50 Hits](#)

[Jump To](#) _____

[Refine Search](#) AN/"power integrations" OR AN/"power intergrations"

PAT. NO.	Title
1 7,005,914	Method and apparatus for sensing current and voltage in circuits with voltage across an LED
2 7,002,398	Method and apparatus for controlling a circuit with a high voltage sense device
3 6,995,990	Method and apparatus for substantially reducing electrical earth displacement current flow generated by wound components
4 6,995,986	Switched mode power supply responsive to current derived from voltage across energy transfer element input
5 6,992,903	Method and apparatus for substantially reducing electrical earth displacement current flow generated by wound components
6 6,992,471	Method and apparatus for trimming current limit and frequency to maintain a constant maximum power
7 6,987,299	High-voltage lateral transistor with a multi-layered extended drain structure
8 6,985,368	Method and apparatus for output voltage regulation in primary controlled switched mode power supplies
9 6,982,621	Method and apparatus for substantially reducing electrical displacement current flow between input and output windings of an energy transfer element
10 6,980,451	Method and apparatus for balancing active capacitor leakage current
11 6,977,803	Method and apparatus for substantially reducing electrical displacement current flow between input and output windings of an energy transfer element
12 6,967,472	Method and apparatus for maintaining an approximate constant current output characteristic in a switched mode power supply
13 6,954,057	Method and apparatus providing final test and trimming for a power supply controller

- 14 6,947,299 **T** Method and apparatus for dissipative clamping of an electrical circuit
- 15 6,914,793 **T** Method and apparatus providing a multi-function terminal for a power supply controller
- 16 6,900,622 **T** Method and apparatus for reducing audio noise in a switching regulator
- 17 6,894,909 **T** Method and apparatus for substantially reducing electrical earth displacement current flow generated by wound components
- 18 6,893,129 **T** Autostereoscopic display for multiple viewers
- 19 6,882,212 **T** Method and apparatus for extending the size of a transistor beyond one integrated circuit
- 20 6,882,134 **T** Method and apparatus for trimming current limit and frequency to maintain a constant maximum power
- 21 6,882,005 **T** High-voltage vertical transistor with a multi-layered extended drain structure
- 22 6,879,498 **T** Switched mode power supply responsive to current derived from voltage across energy transfer element input
- 23 6,876,181 **T** Off-line converter with digital control
- 24 6,865,093 **T** Electronic circuit control element with tap element
- 25 6,838,346 **T** Method of fabricating a high-voltage transistor with a multi-layered extended drain structure
- 26 6,833,692 **T** Method and apparatus for maintaining an approximate constant current output characteristic in a switched mode power supply
- 27 6,833,689 **T** Method for reducing the cost of voltage regulation circuitry in switch mode power supplies
- 28 6,828,631 **T** High-voltage transistor with multi-layer conduction region
- 29 6,825,536 **T** Lateral power MOSFET for high switching speeds
- 30 6,818,490 **T** Method of fabricating complementary high-voltage field-effect transistors
- 31 6,815,293 **T** High-voltage lateral transistor with a multi-layered extended drain structure
- 32 6,813,171 **T** Dissipative clamping of an electrical circuit with a clamp voltage varied in response to an input voltage
- 33 6,813,168 **T** Method and apparatus for providing input EMI filtering in power supplies
- 34 6,800,903 **T** High-voltage transistor with multi-layer conduction region
- 35 6,798,020 **T** High-voltage lateral transistor with a multi-layered extended drain structure
- 36 6,795,321 **T** Method and apparatus for sensing current and voltage in circuits with voltage across an LED
- 37 6,788,514 **T** Method and apparatus for fault condition protection of a switched mode power supply
- 38 6,787,847 **T** High-voltage vertical transistor with a multi-layered extended drain structure
- 39 6,787,437 **T** Method of making a high-voltage transistor with buried conduction regions
- 40 6,784,646 **T** Method and apparatus for reducing audio noise in a switching regulator
- 41 6,781,357 **T** Method and apparatus for maintaining a constant load current with line voltage in a switch mode power supply
- 42 6,781,198 **T** High-voltage vertical transistor with a multi-layered extended drain structure
- 43 6,777,749 **T** High-voltage transistor with multi-layer conduction region
- 44 6,775,155 **T** Method and apparatus for output voltage regulation in primary controlled switched mode power supplies
- 45 6,768,172 **T** High-voltage transistor with multi-layer conduction region

- 46 6,768,171  High-voltage transistor with JFET conduction channels
- 47 6,762,946  Method and apparatus for substantially reducing electrical earth displacement current flow generated by wound components
- 48 6,759,289  Method of fabricating a high-voltage transistor
- 49 6,754,089  Switched mode power supply responsive to current derived from voltage across energy transfer element input
- 50 6,750,640  Method and apparatus providing final test and trimming for a power supply controller
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USPTO PATENT FULL-TEXT AND IMAGE DATABASE

Home	Quick	Advanced	Pat Num	Help
Prev. List	Next List	Bottom	View Cart	

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Hits 51 through 100 out of 141

Prev. 50 Hits

Final 41 Hits

Jump To

Refine Search AN/"power integrations" OR AN/"power intergrations"

PAT. NO.	Title
51 6,750,105	Method of fabricating a high-voltage transistor with a multi-layered extended drain structure
52 6,747,444	Off-line converter with digital control
53 6,747,443	Method and apparatus for trimming current limit and frequency to maintain a constant maximum power
54 6,744,645	Output feedback and under-voltage detection system
55 6,738,277	Method and apparatus for balancing active capacitor leakage current
56 6,734,714	Integrated circuit with closely coupled high voltage output and offline transistor pair
57 6,730,585	Method of fabricating high-voltage transistor with buried conduction layer
58 6,724,041	Method of making a high-voltage transistor with buried conduction regions
59 6,687,141	Dissipative clamping of an electrical circuit with a clamp voltage varied in response to an input voltage
60 6,687,101	Fault condition protection
61 6,680,646	Power integrated circuit with distributed gate driver
62 6,668,451	Methods for trimming electrical parameters in an electrical circuit
63 6,667,605	Method and apparatus for reducing audio noise in a switching regulator
64 6,667,213	Method of fabricating a high-voltage transistor with a multi-layered extended drain structure
65 6,643,153	Method and apparatus providing a multi-function terminal for a power supply controller

- 66 6,640,435 **T** Methods for trimming electrical parameters in an electrical circuit
- 67 6,639,277 **T** High-voltage transistor with multi-layer conduction region
- 68 6,635,544 **T** Method of fabricating a high-voltage transistor with a multi-layered extended drain structure
- 69 6,633,065 **T** High-voltage transistor with multi-layer conduction region
- 70 6,608,471 **T** Off-line converter with digital control
- 71 6,597,586 **T** Switched mode power supply responsive to current derived from voltage across energy transfer element input
- 72 6,583,663 **T** Power integrated circuit with distributed gate driver
- 73 6,580,622 **T** Output feedback and under-voltage detection system
- 74 6,580,593 **T** Method and apparatus for fault condition protection of a switched mode power supply
- 75 6,573,558 **T** High-voltage vertical transistor with a multi-layered extended drain structure
- 76 6,570,219 **T** High-voltage transistor with multi-layer conduction region
- 77 6,563,171 **T** High-voltage transistor with buried conduction layer
- 78 6,555,883 **T** Lateral power MOSFET for high switching speeds
- 79 6,555,873 **T** High-voltage lateral transistor with a multi-layered extended drain structure
- 80 6,552,597 **T** Integrated circuit with closely coupled high voltage output and offline transistor pair
- 81 6,549,431 **T** Method and apparatus for substantially reducing electrical earth displacement current flow generated by wound components
- 82 6,538,908 **T** Method and apparatus providing a multi-function terminal for a power supply controller
- 83 6,525,514 **T** Method and apparatus for reducing audio noise in a switching regulator
- 84 6,509,220 **T** Method of fabricating a high-voltage transistor
- 85 6,504,209 **T** High-voltage transistor with buried conduction layer
- 86 6,501,130 **T** High-voltage transistor with buried conduction layer
- 87 6,496,392 **T** Dissipative clamping of an electrical circuit with a clamp voltage varied in response to an input voltage
- 88 6,489,190 **T** Method of fabricating a high-voltage transistor
- 89 6,480,399 **T** Switched mode power supply responsive to current derived from voltage across energy transfer element input
- 90 6,468,847 **T** Method of fabricating a high-voltage transistor
- 91 6,465,291 **T** High-voltage transistor with buried conduction layer
- 92 6,462,971 **T** Method and apparatus providing a multi-function terminal for a power supply controller
- 93 6,456,475 **T** Off-line converter with digital control
- 94 6,438,003 **T** Output feedback and under-voltage detection system that senses an input current representing a voltage input
- 95 6,424,007 **T** High-voltage transistor with buried conduction layer
- 96 6,414,471 **T** Off-line converter with digital control
- 97 6,388,853 **T** Method and apparatus providing final test and trimming for a power supply controller
- 98 6,366,481 **T** Method and apparatus providing a multi-function terminal for a power supply controller
- 99 6,362,981 **T** Output feedback and under-voltage detection system

100 6,356,464  Method and apparatus providing a multi-function terminal for a power supply controller

Prev. List	Next List	Top	View Cart	
Home	Quick	Advanced	Pat Num	Help

USPTO PATENT FULL-TEXT AND IMAGE DATABASE

Home	Quick	Advanced	Pat Num	Help
Prev. List		Bottom	View Cart	

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Hits 101 through 141 out of 141

[Prev. 50 Hits](#)

[Jump To](#)

[Refine Search](#)

AN/"power integrations" OR AN/"power intergrations"

PAT. NO.	Title
101 6,351,398	Method and apparatus providing a multi-function terminal for a power supply controller
102 6,337,788	Fault condition protection
103 6,313,976	Method and apparatus providing a multi-function terminal for a power supply controller
104 6,304,462	Method and apparatus providing a multi-function terminal for a power supply controller
105 6,297,623	Off-line converter with digital control
106 6,249,876	Frequency jittering control for varying the switching frequency of a power supply
107 6,233,161	Switched mode power supply responsive to voltage across energy transfer element
108 6,229,366	Off-line converter with integrated softstart and frequency jitter
109 6,226,190	Off-line converter with digital control
110 6,212,079	Method and apparatus for improving efficiency in a switching regulator at light loads
111 6,207,994	High-voltage transistor with multi-layer conduction region
112 6,168,983	Method of making a high-voltage transistor with multiple lateral conduction layers
113 6,154,377	Method and apparatus reducing overshoot in a power supply controller
114 6,147,883	Output feedback and under-voltage detection
115 6,107,851	Offline converter with integrated softstart and frequency jitter
116 6,084,277	Lateral power MOSFET with improved gate design
117 6,005,781	Two switch off-line switching converter
118 5,982,639	Two switch off-line switching converter

- 119 5,973,945 [Coupled inductor power supply with reflected feedback regulation circuitry](#)
- 120 5,602,724 [Low-cost, high-voltage, flyback power supply](#)
- 121 5,469,334 [Plastic quad-packaged switched-mode integrated circuit with integrated transformer windings and mouldings for transformer core pieces](#)
- 122 5,461,303 [Power factor correction precompensation circuit](#)
- 123 5,411,901 [Method of making high voltage transistor](#)
- 124 5,323,044 [Bi-directional MOSFET switch](#)
- 125 5,313,381 [Three-terminal switched mode power supply integrated circuit](#)
- 126 5,313,082 [High voltage MOS transistor with a low on-resistance](#)
- 127 5,285,369 [Switched mode power supply integrated circuit with start-up self-biasing](#)
- 128 5,285,367 [Linear load circuit to control switching power supplies under minimum load conditions](#)
- 129 5,282,107 [Power MOSFET safe operating area current limiting device](#)
- 130 5,274,274 [Dual threshold differential discriminator](#)
- 131 5,274,259 [High voltage transistor](#)
- 132 5,258,636 [Narrow radius tips for high voltage semiconductor devices with interdigitated source and drain electrodes](#)
- 133 5,245,526 [Below ground current sensing with current input to control threshold](#)
- 134 5,164,891 [Low noise voltage regulator and method using a gated single ended oscillator](#)
- 135 5,161,098 [High frequency switched mode converter](#)
- 136 5,072,268 [MOS gated bipolar transistor](#)
- 137 5,045,800 [Pulse width modulator control circuit](#)
- 138 5,038,053 [Temperature-compensated integrated circuit for uniform current generation](#)
- 139 5,014,178 [Self powering technique for integrated switched mode power supply](#)
- 140 5,008,794 [Regulated flyback converter with spike suppressing coupled inductors](#)
- 141 4,811,075 [High voltage MOS transistors](#)
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Prev. List	Top	View Cart		
Home	Quick	Advanced	Pat Num	Help

EXHIBIT G

REDACTED

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EXHIBIT I

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EXHIBIT J

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